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(71)Applicant : MATSUSHITA ELECTRIC IND CO
LTD

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(72)Inventor : SATO KAZUhide
TANAKA TSUNEO
FURUTA AKIHIRO

(54) SOUND REPRODUCING SYSTEM

(57)Abstract:

PURPOSE: To provide the sound reproducing system which displays a satisfactory surround effect only by arranging a speaker system, where plural speakers are arranged in a line, in the front.

CONSTITUTION: A first signal drives plural speakers 31 to 33, which are arranged in a line, with the same phase, and a second signal drives speaker units 32 and 33, which are placed symmetrically with respect to the center of the speaker array, with opposite phases, and signals whose amplitudes and phases are most suitably controlled are applied to respective speakers 31 to 33, thereby obtaining an objective directional pattern. Thus, the system with transmits direct sounds to a listener in the front of speakers 31 to 33 in the case of a main signal and transmits indirect sounds from walls, the floor, and the ceiling to him in the case of a subsignal is provided, and the satisfactory surround system is obtained without using side speakers neither rear speakers.

